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# Wm. Kirch--Orchids Ltd.

746 KAPAHULU AVENUE

HONOLULU, HAWAII

## DENDROBIUMS - SPRING & SUMMER, 1952

Dendrobiums of the hardwood evergreen type have made amazing strides in the hands of the hybridist in the last ten years. In the past the only plants of this group obtainable were predominantly Dendrobium Phalaenopsis and a few hybrids bred from it. This species has large flowers but is a capricious grower and was responsible in a large measure for the misconception that Dendrobiums are hard to grow and flower. With the introduction of other vigorous species from the South Pacific Islands, the Dendrobium hybrids of this group now constitute one of the easiest and most satisfactory plants for an amateur to handle. Everyone should try a few.

Dendrobiums grow best in the Cattleya house. They require as much light as you can give them. When in growth, give as much water as possible. Fertilize them regularly with soluble orchid fertilizer. If not available we will gladly quote a fine product. When the plants have stopped growing, reduce the water and fertilizer. Give just enough to keep the bulbs fat and plump.

Dendrobiums are exceedingly fast growing plants. They frequently flower in 3" pots. Under good culture they often flower from community pots in two years. We present the following chart of age and estimated time to flower to help you select the size you want.

<u>Pot Size</u>	<u>Age from Seed</u>	<u>From Bottles</u>	<u>Estimated time to flower</u>
Com. pots			
(min. 20 plants)	8 mo. to 1 year	1-1/2 years	2-4 years
1-1/2"	2-2 1/2 years	2 years	1-2 years
2"	2 1/2-3 years	2-2-1/2 years	1-1 1/2 years
3"	3-3 1/2 years	2 1/2-3 years	1 year
4" & above	4-4 1/2 years	3 1/2-4 years	flowering size

GROUP I. These crosses have a strong influence of Dend. Phalaenopsis. They represent the largest individual flowers of the section. Such flowers are suitable for cut flower purposes.

# 190	D. SUPERBIENS VAR GOLDEI - Long sprays, wine lavender color, medium size flowers.	2" - \$ 2.50 2 1/2" - 3.50 3" - 5.00
250	D. TOCUFFUM (dicuffum x Tokai) - Med. size - unusual range of lavender, shades - many smoky tones	2" - 2.50 2 1/2" - 3.50
343	D. LOUIS BLERIOT (Superbiens var Goldei x Phalaenopsis) A proven cross - large dark flowers - great favorite.	1 1/2" - 1.50 2" - 2.50
346	D. HAWAII - self cross.- Wide range from lavender to Bronze medium size. Occasionally a fine clear yellow.	1 1/2" - 1.50 2" - 2.50
358	D. KUKUI X PHALAENOPSIS - Very similar to D. Louis Bleriot - perhaps darker in color.	1 1/2" - 1.50 2" - 2.50
372	D. WM. STUBER X PHALAENOPSIS - Very large dark lavender - we anticipate similar to, but better than D. Sanders crimson.	1 1/2" - 1.50



# 384	D. LOUIS BLERIOT X TOKAI - Med. size, very dark, free flowering long sprays.	1 1/2"	-	\$ 1.50
242	D. LOIS ANDERSON (Hawaii Nui x Phalaenopsis)	Com. pots	-	7.50
250	Very fine large dark flowers - free flowering. One of the best of the proven crosses.	1 1/2"	-	1.50
243	D. NEO HAWAII DARK x PHALAENOPSIS DARK (similar to above perhaps darker)	Com. pots	-	7.50
258	D. MAY NEAL x PHALAENOPSIS - Very large good lavender, has a fine potential.	Com. pots	-	7.50
264	DEND. PHALAENOPSIS	Com. pots	-	7.50
268	Selected strains bred for color and size.	2"	-	2.50
439				
273	D. LILIHA x PHALAENOPSIS	Com. pots	-	7.50
228	Very large dark lavender, long spikes, equal or superior to D. Louis Bleriot.	1 1/2"	-	1.50
164	D. ORCHIDWOOD (Bigibbum x Phalaenopsis) - Very round compact flower, medium dark lavender.	2"	-	2.50
		3"	-	4.00
167	D. PAULINE (Phalaenopsis x Undulatum)	1 1/2"	-	1.50
124	An old favorite - fine flowering type. Medium to dark lavender, Long spikes.	2"	-	2.50
		3"	-	5.00
		4"	-	7.50
172	D. PHALAENOPSIS VAR. MAUNA KEA - The pure pure white form of D. Phalaenopsis. Very fine. Every collection should have at least one plant.	2"	-	2.50
175	D. ALOHA x PHAL. VAR. SNOW WHITE - A wide range of colors - lavender, bronze, yellow, etc.	1 1/2"	-	1.50
		2"	-	2.50
198	D. BRISBANE PINK VAR. x PHALAENOPSIS - Light lavender pink, long spikes, should make a fine pastel cut flower.	1 1/2"	-	1.50
224	D. LILIHA x BRISBANE PINK VAR. - Long spikes of medium lavender to dark pink.	1 1/2"	-	1.50
234	D. LILIHA (Pauline x Phalaenopsis) - A great favorite, long spikes dark lavender, very free flowering.	1 1/2"	-	1.50
239	D. SANDER'S CRIMSON x PHALAENOPSIS - Large size, deep color, lavender red. A fine cross.	1 1/2"	-	1.50
244	D. 100th BATTALION x PHALAENOPSIS - Very similar to Dend. Sanders Crimson, this strain will be in the lighter shades.	1 1/2"	-	1.50



# 181	D. 100th BATTALION x LADY CONSTANCE - Similar to above, but better shape.	2'' -	\$ 2.50
136	D. JACQUILINE THOMAS (Gouldei x Phal. Mauna Kea)	2 1/2'' -	4.00
1485	A very dark lavender similar to Dend. Hawaii	3'' -	5.00
		flowering size	10.00
1461	D. KLAWE (Louis Bleriot x Kukui) - Very similar to Louis Bleriot dark color free flowering.	2 1/2'' -	3.00
		3'' -	4.00
1694	D. PAUL (Taurus x Phal. Mauna Kea) - Dark lavender	1 1/2'' -	1.50
122	similar to Sanders Crimson. Some very pretty bronze marked.	2'' -	2.50
		2 1/2'' -	3.50
		3'' -	5.00
		4'' -	7.50
1695	D. NEO HAWAII (Phal. x Grantii) - Very much like	Com. pots -	7.50
1843	Hawaii - very heavy bloomer, long spikes, lavender shades.	1 1/2'' -	1.50
		2'' -	2.50
1716	D. PHAL. MAUNA KEA x NEO HAWAII - A very much better shaped flower but similar to above.	1 1/2'' -	1.50
1813	D. SANDERS' CRIMSON x ORCHIDWOOD - Very dark - fine shape, large size, a fine cross.	Com. pots -	7.50
123	DEND. PAMELA KIRCH (D. Helen Bromley x Phal. Mauna Kea) - Fine type similar to D. Hawaii better shape with bronze overtones on lavender with large amounts of yellow.	2'' -	2.50
		3'' -	5.00
		4'' -	8.50

GROUP II. The hybrids in this section are often referred to as the antelope Dendrobium. Due to the influence of D. Stratiotes the twisted petals stand up like an antelope's horns. Flowers on these plants have exceptional texture and often last on the plants three months.

374	D. STRATTOKAI x TOKAI - Chartreuse to yellow antelope shape. Good spikes.	1 1/2'' -	1.50
		2'' -	2.50
380	D. STRATTOKAI x TAKAMI KODAMA - Principally shades of yellow and bronze with darker tips to sepals and petals.	1 1/2'' -	1.50
		2'' -	2.50
393	D. STRATTOKAI and TAURUS - Similar to above more	1 1/2'' -	1.50
402	reddish tones	2'' -	2.50
412	D. KUKUI x STRATIOTES - Lavender of good intensity of color, fine antelope shape - some yellows.	1 1/2'' -	1.50
237	D. MILDRED KAZAMURA x UNDULATUM - Principally yellow shades.	Com. pots -	7.50
226	D. MILDRED KAZAMURA x PHALAENOPSIS - Large size lavender flowers. Very similar to Dend. Caesar - good cut flower.	1 1/2'' -	1.50
229	D. CAESAR x PHAL. MAUNA KEA - Pale pastels to white, exceptional size. One of the finest cut flowers.	1 1/2'' -	1.50



# 319	D. STRATIOTES x TAKAMI KODAMA	Com. pots -	\$ 7.50
1846	Yellow shades with lavender markings. Should make a very fine cross.	1 1/2" -	1.50
1738	D. CEASAR (Stratiotes x Phal. Snow White) - Very large	Com. pots -	7.50
1901	long spikes pastels to white. This is a great favorite.	1 1/2" -	1.50
		2" -	2.50
1849	D. OWEN x STRATIOTES - Yellow and bronze tones, excellent antelope shape.	Com. pots -	7.50
1876	D. SALAK x STRATIOTES - Browns, lavenders - very predominant antelope shape - very long lasting quality.	Com. pots -	7.50
1600	D. 442nd INFANTRY x STRATIOTIES - Lavender and white combinations. Many of them in the blue shades.	1 1/2" -	1.50
		2" -	2.50
		2 1/2" -	3.50
1672	D. SALAK (undulatum x stratiotes) - Brown tones - long lasting - good. A fine cut flower.	2" -	2.50
		2 1/2" -	3.50
1704	100th BATTALION x STRATIOTES - Yellow - salmon - peach-good, antelope shape.	1 1/2" -	1.50
		2" -	2.50
1709	D. SHARON NAKA (Lester McCoy x Stratiotes) - A wide	Com. pots -	7.50
1859	range yellow to lavender bronze. Very fine thing. Long spikes.	1 1/2" -	1.50
		2" -	2.50
1715	D. STRATIOTES - Self cross -- The famous species itself - breeds true to seed. Every collector should have a plant.	1 1/2" -	1.50
92	D. MILDRED KAZAMURA (Hawaii x Stratiotes) - Very fine unusual bronze colors to lavenders. Exceptional size in some.	6" -	15.00
1378	D. SUNDA ISLAND (Stratiotes x Veritrifolium) Pastels to near whites - very long lasting good cut flower.	5" -	15.00

GROUP III. The hybrids here feature as the principal influence *Dendrobium Veritrifolium*. This species imparts exceptional vigor and freedom of flowering. Spikes are numerous and very long, falling into arching sprays of dainty flowers. Individual flowers are small to medium. A spectacular section for display as pot plants.

# 266	D. JOANNE SAYERS (Tokai x Veritrifolium)		
1526	We listed this last year as D. Tradewinds. This name was refused by Sanders due to previous registration. A fine type - long sprays of chartreuse to yellow.	1 1/2" -	\$ 1.50
		2" -	2.50
		3" -	5.00
		4" -	8.50
1337	D. LESTER McCOY (Veritrifolium x Hawaii) - One of the	3" -	5.00
273	most famous hybrids in this section. Very long spikes - yellow, bronze - to dark lavender, very fine.	4" -	7.50
		5" -	10.00



# 337	D. LESTER McCOY x SANDERS' CRIMSON - A hybrid of great promise - very long spikes with an increase of flower size - medium to dark lavender.	1 1/2"	-	\$ 1.50
		2"	-	2.50
1554	D. VERITRIFOLIUM x SANDERS' CRIMSON - Similar to above cross.	3"	-	3.50
227	D. HAWAII NUI x VERITRIFOLIUM - Very long spikes - pastel shades of lavender to med. lavender - good grower.	Com. pots	-	7.50
211	D. NEO HAWAII x VERITRIFOLIUM - Very similar to the species - terrific production of long spikes pastel to near white flowers.	1 1/2"	-	1.50
219				
1502	D. KUKUI x VERITRIFOLIUM - Medium lavender - long spikes, good cut flower.	2 1/2"	-	3.50
1529	D. LESTER McCOY x VERITRIFOLIUM - Pale yellow to cream to white, some lavenders - very heavy production.	1 1/2"	-	1.50
259		2"	-	2.50
		3"	-	5.00
1650	D. 442nd INFANTRY x LOUISEA - Pale blue lavender pastels - good size - long spikes.	1 1/2"	-	1.50
		2"	-	2.50
1713	D. VERITRIFOLIUM x SHIBATA - Yellows to bronze lavender - good size - heavy production.	1 1/2"	-	1.50
		2"	-	2.50
1859	D. LESTER McCOY x SUNDA ISLAND - A good number of blues - other colors lavender to yellow.	Com. pots	-	7.50
295	D. VERITRIFOLIUM x (undulatum x D'Albertsii) - Long spikes yellow to cream - some influence of antelope shape.	1 1/2"	-	1.50

GROUP IV. Feature parent of this section is Dendrobium Taurinum or the Bull's Horn Orchid. The spikes are heavily flowered, generally upright. Plants make beautiful specimens. Individual flowers are quite large. The petals are shaped like a bull's horns with a very large open lip. This is one of the easiest to grow. Plants must attain a good size to flower freely.

# 1842	D. NEO HAWAII x TAURINUM - Similar to D. Sander's	Com. pots	-	\$ 7.50
232	Crimson - heavier production - smaller flowers, shades of purple.	1 1/2"	-	1.50
275	D. TAURUS (undulatum x Taurinum) - One of the first	Com. pots	-	7.50
1628	hybrids in this group still a great favorite, spectacular	1 1/2"	-	1.50
1819	for display purpose - large plants, bronze flowers.	2"	-	2.50
212	D. PAULINE x TAURINUM - Very dark lavender color -	1 1/2"	-	1.50
217	large flowers - good production.			
187	D. HAWAII x TAURINUM - Very similar to crosses #232, 1842.	1 1/2"	-	1.50
223	D. PAULINE x TAURUS - Possibly some yellow variants - majority dark lavender - similar to #212 & 217.	1 1/2"	-	1.50



# 214	DEND. 442nd INFANTRY (Taurinum x Veritrifolium)	1 1/2"	-	\$ 1.50
1551	A very fine proven cross - Taurinum shape-pale pastels,	2"	-	2.50
275	blues, lavender.	6"	-	17.50
441				
1549	DEND. 100th BATTALION (Taurus x Veritrifolium)	1 1/2"	-	1.50
	Yellows, apricots, salmon, bronze shades, taurinum shape.	2"	-	2.50
	Good production.	2 1/2"	-	3.50
		3"	-	5.00
1560	DEND. KAM IV. (100th Battalion x Phal. Mauna Kea)	1 1/2"	-	1.50
	Similar to above with lavender over flush larger flower,	2"	-	2.50
	better shape.	2 1/2"	-	3.50
		3"	-	5.00
1636	D. TAURUS x 100th BATTALION- Principally yellow	1 1/2"	-	1.50
1644	and bronze shades.	2"	-	2.50
1648	D. 442nd INFANTRY x 100th BATTALION - Lavender	1 1/2"	-	1.50
240	overtones with orange yellow base - Large size.	2"	-	2.50
1655	D. TAURUS x SHIBATA - Deep bronze - reds, and	Com. pots	-	7.50
1664	yellow-good size.	1 1/2"	-	1.50
1719		2"	-	2.50
1673	D. T. KODAMA x 442nd INFANTRY - Definite	1 1/2"	-	1.50
	Taurinum shape - yellow undertone - overtones of	2"	-	2.50
	lavender and blue.			
1670	D. 100th BATTALION x T. KODAMA	1 1/2"	-	1.50
	Yellows, Salmon, Apricot, Orange, Free flowering.			
1705	D. SANDERS' CRIMSON x 100th BATTALION - Very	1 1/2"	-	1.50
	similar to Sanders' Crimson, very dark in color.			
1788	D. SHIBATA x HELEN BROMLEY - Taurinum shape -	Com. pots	-	7.50
1640	good size. Yellow to Green.	1 1/2"	-	1.50
139		2"	-	2.50
1835	DEND. SHIBATA - self cross -- An interesting	Com. pots	-	7.50
	segregation of yellow bronze to dark lavenders - large size.			
1850	D. OWEN x TAURUS - Very dark running heavy to	Com. pots	-	7.50
	the red lavenders with bronze flush - some yellows.			
1853	D. TAURINUM x SHIBATA - Deep purple lavender -	Com. pots	-	7.50
	very similar to Taurinum in shape.			
242	D. SHIBATA x T. KODAMA - Deep yellows, greens,	1 1/2"	-	1.50
	and bronze - good size.	2"	-	2.50
288	D. HAWAII x SHIBATA - Mostly dark lavender -	1 1/2"	-	1.50
	some yellows very free flowering.			
291	D. 100th BATTALION x TOKAI - Yellow, Bronze,	1 1/2"	-	1.50
	green - free flowering.	2"	-	2.50
265	D. ROBBIE CAMP x SHIBATA - Dark lavender -	1 1/2"	-	1.50
	long spikes.	2"	-	2.50



# 255	D. 100th BATTALION x HULA GIRL - Very deep dark red bronze to yellow - heavily undulated.	1 1/2"	-	\$ 1.50
446	D. HULA GIRL x SHIBATA - An interesting cross probably many very dark bronze to yellow colors.	2"	-	2.50
440	D. BALI x SHIBATA - Very dark lavender - should be as dark as possible to get.	2"	-	2.50

GROUP V. The feature parent here is Dendrobium Undulatum. This species imparts waved or undulated sepals and petals, long sprays, exceptional plant vigor. Many beautiful things in this section. Individual flowers are medium size.

382	D. LILIHA x UNDULATUM - Dark lavender good size.	1 1/2"	-	1.50
		2"	-	2.50
244	DEND. OWEN (Bali x Undulatum) - Beautiful bronze shades marked red.	Com. pots	-	7.50
274	D. ALICE SPAULDING (undulatum x Tokai) - Beautiful	Com. pots	-	7.50
64	wavy flowers of green gold, long lasting and very striking.	5"	-	20.00
1503	D. UNDULATUM x LESTER McCOY - Yellows, bronze	1 1/2"	-	1.50
279	lavender exceptional spray length.	2"	-	2.50
1666	D. 100th BATTALION x UNDULATUM - Shades of yellow and bronze.	1 1/2"	-	1.50
		2"	-	2.50
1668	D. T. KODAMA x UNDULATUM	1 1/2"	-	1.50
273	Deep yellow.			
1807	D. HELEN BROMLEY (Taurus x Tokai) - A fine proven cross yellow to yellow bronze to dark brown.	Com. pots	-	7.50
1837	D. OWEN x T. KODAMA - Deep red bronze to yellow.	Com. pots	-	7.50
1860	D. SANDERS' CRIMSON x UNDULATUM - Intense dark lavender purple.	Com. pots	-	7.50
223	D. SHIBATA x UNDULATUM - Greens and yellows - similar to D. Helen Bromley.	1 1/2"	-	1.50
		2"	-	2.50
257	D. 442nd INFANTRY x HULA GIRL - Hard to predict as to color but we expect dark lavenders.	1 1/2"	-	1.50
212	D. UNDULATUM x 442nd INFANTRY (Similar to cross #257)	1 1/2"	-	1.50
		2"	-	2.50
202	D. UNDULATUM x HULA GIRL - Principally yellows with deep red bronze flush.	1 1/2"	-	1.50
		2"	-	2.50

GROUP VI. Last year we did not set up the Dendrobium Gouldei crosses as a separate group. However many of these have flowered and we find them quite distinct. Compact plants, heavy flowering, long sprays of medium size flowers of intense color. Definitely this group is worthy of amateur attention.

1393	D. YELLOW JACKET (Veritri-folium x Gouldei) - Yellow with darker tips to sepals and petals. Amazing production.	4"	-	7.50
		6"	-	15.00



# 157	D. URSULA x GOULDEI - Expect exceptional production, colors - yellow, bronze and blues.	3" - \$ 5.00 4" - 8.00
1625	D. GOULDEI x SHIBATA	1 1/2" - 1.50
1635	(Yellows and greens - large size)	2" - 2.50
1634	D. GOULDEI - self cross -- A chance to get this rare species from seed. A fine collectors item. Yellow, chocolate tips on petals.	1 1/2" - 1.50 2" - 2.50
1637	D. GOULDEI x HELEN BROMLEY	Com. pots - 7.50
1726	(Large size - yellow and bronze)	1 1/2" - 1.50
140		2" - 2.50
1657	D. T. SHIOI (Gouldei x Taurinum) - very dark - many with chocolate markings - some yellows.	1 1/2" - 1.50 2" - 2.50
	Selected flowering plants	- 25.00
1667	D. T. KODAMA x GOULDEI - Principally yellow and bronze.	1 1/2" - 1.50 2" - 2.50
1669	D. JOAN TANI - Sanders Crimson x Gouldei -	Com. pots - 7.50
1765	Exceptionally dark lavender	1 1/2" - 1.50 2" - 2.50
1700	D. LOUISEA x GOULDEI - A lot of blues with some lavenders and yellow - long spikes.	1 1/2" - 1.50 2" - 2.50
1703	D. 100th BATTALION x GOULDEI - Principally yellows and bronze.	1 1/2" - 1.50 2" - 2.50
222	D. BRISBANE x GOULDEI - Blue to dark lavender purple.	1 1/2" - 1.50

#### MISCELLANEOUS:

1346	D. NELLY SANDERS (Dearei x Formosum) - A beautiful	1 1/2" - 1.50
117	pure white - flowers in two and threes and looks like white	2" - 2.50
	ginger. Flowers last in perfection for months. Good to	3" - 5.00
	cut for corsages.	3 1/2" - 7.50 4" - 10.00 5" - 15.00

We have tried to make this list up in such a manner as to create a better understanding of what the hybrids will do. We know if you try a few Dendrobiums you will soon want more. We are always pleased to help with further questions should you care to write.

We guarantee safe delivery. All plants are shipped out of pots by air. Air parcel post on small shipments and air express or air freight on larger shipments. No charge for packing. Claims for damage must be sent within five days after receipt of merchandise. Terms are cash with order. Prices quoted F.O.B. Honolulu.

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